

04-19-06

PTO/SB/21 (09-04)

Approved for use through 7/31/2006

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction act of 1995, no persona are required to respond to a collection of information unless it displays a valid OMB control number.


**TRANSMITTAL  
FORM**

Total Number of Pages in This Submission

Application Number	10/620,960
Filing Date	July 16, 2003
First Named Inventor	James C. Peterson
Art Unit	
Examiner Name	
Attorney Docket Number	009785-0139 (15895US01)

**ENCLOSURES (check all that apply)**

<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance Communication to TC
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment/Reply	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Terminal Disclaimer	<input checked="" type="checkbox"/> Return-Receipt Postcard
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Request for Refund	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
<input checked="" type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> CD Number of CD(s) _____	
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> Landscape Table on CD	
<input type="checkbox"/> Reply to Missing Parts/ Incomplete Application		
<input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53		
	Remarks	Cited foreign patent and other publications

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Firm or Individual Name	McAndrews Held & Malloy, Ltd.		
Name (Print/type)	James H. Williams	Registration No. (Attorney/Agent)	56,883
Signature			Date: April 18, 2006

**EXPRESS MAIL DEPOSIT**

"Express Mail" mailing label number : EV 435257921 US  
 Date of Deposit April 18, 2006.



UNITED STATES PATENT AND TRADEMARK OFFICE  
(Attorney Docket No. 009785-0139 (15895US01))

In the Application of:

**James C. Peterson**

Serial No. 10/620,960

Filed: July 16, 2003

For: **Method for Strongly Encrypting  
.ZIP Files**

Examiner:

Group Art Unit:

EXPRESS MAIL:

EV 435257921 US

Date:

April 18, 2006

**INFORMATION DISCLOSURE STATEMENT**

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sirs:

Pursuant to 37 C.F.R. § 1.97-1.98 and in compliance with the duty of disclosure set forth in 37 C.F.R. § 1.56, it is respectfully requested that the following references be considered in the examination of the above-identified patent application:

<u>U.S. Patent No.</u>	<u>Date</u>	<u>Name</u>
4,041,284	08-09-77	Bond
4,156,922	05-29-79	Majerski et al.
4,179,746	12-18-79	Tubbs
4,377,846	03-22-83	Yoshida
4,521,866	06-04-85	Petit et al.
4,542,453	09-17-85	Patrick et al.
4,792,954	12-20-88	Arps et al.
4,862,167	08-29-89	Copeland III
4,891,643	01-02-90	Mitchell et al.

<u>U.S. Patent No.</u>	<u>Date</u>	<u>Name</u>
4,905,297	02-27-90	Langdon, Jr., et al.
4,933,883	06-12-90	Pennebaker et al.
4,935,882	06-19-90	Pennebaker et al.
4,939,639	07-03-90	Lee et al.
4,989,000	01-29-91	Chevion et al.
5,003,307	03-26-91	Whiting et al.
5,016,009	05-14-91	Whiting et al.
5,025,258	06-18-91	Duttweiler
5,051,745	09-24-91	Katz
5,091,955	02-25-92	Iseda et al.
5,099,440	03-24-92	Pennebaker et al.
5,126,739	06-30-92	Whiting et al.
5,142,283	08-25-92	Chevion et al.
5,146,221	09-08-92	Whiting et al.
5,150,209	09-22-92	Baker et al.
5,155,847	10-13-92	Kirouac et al.
5,159,336	10-27-92	Rabin et al.
5,179,555	01-12-93	Videlock et al.
5,218,700	06-08-93	Beechick
5,270,712	12-14-93	Iyer et al.
5,272,478	12-21-93	Allen
5,298,896	03-29-94	Lei et al.
5,363,099	11-08-94	Allen
5,404,315	04-04-95	Nakano et al.
5,414,425	05-09-95	Whiting et al.
5,440,504	08-08-95	Ishikawa et al.
5,463,390	10-31-95	Whiting et al.
5,463,772	10-31-95	Thompson et al.
5,465,224	11-07-95	Guttag et al.
5,475,388	12-12-95	Gormish et al.

<u>U.S. Patent No.</u>	<u>Date</u>	<u>Name</u>
5,481,713	01-02-96	Wetmore et al.
5,485,411	01-16-96	Guttag et al.
5,493,524	02-20-96	Guttag et al.
5,506,580	04-09-96	Whiting et al.
5,517,439	05-14-96	Suzuki et al.
5,532,694	07-02-96	Mayers et al.
5,535,300	07-09-96	Hall II et al.
5,546,080	08-13-96	Langdon, Jr., et al.
5,581,697	12-03-96	Gramlich et al.
5,587,710	12-24-96	Choo et al.
5,590,350	12-31-96	Guttag et al.
5,592,162	01-07-97	Printz et al.
5,594,674	01-14-97	Printz et al.
5,596,763	01-21-97	Guttag et al.
5,600,847	02-04-97	Guttag et al.
5,627,995	05-06-97	Miller et al.
5,634,065	05-27-97	Guttag et al.
5,640,578	06-17-97	Balmer et al.
5,654,702	08-05-97	Ran
5,671,389	09-23-97	Saliba
5,682,152	10-28-97	Wang et al.
5,689,452	11-18-97	Cameron
5,694,128	12-02-97	Kim
5,696,954	12-09-97	Guttag et al.
5,699,275	12-16-97	Beasley et al.
5,715,470	02-03-98	Asano et al.
5,734,119	03-31-98	France et al.
5,734,880	03-31-98	Guttag et al.
5,737,345	04-07-98	Pelz et al.
5,745,756	04-28-98	Henley

<u>U.S. Patent No.</u>	<u>Date</u>	<u>Name</u>
5,771,355	06-23-98	Kuzma
5,774,081	06-30-98	Cheng et al.
5,778,374	07-07-98	Dang et al.
5,781,901	07-14-98	Kuzma
5,802,549	09-01-98	Goyal et al.
5,805,913	09-08-98	Guttag et al.
5,808,572	09-15-98	Yang et al.
5,813,011	09-22-98	Yoshida et al.
5,818,369	10-06-98	Withers
5,828,848	10-27-98	MacCormack et al.
5,832,273	11-03-98	Mizuse
5,832,520	11-03-98	Miller
5,838,996	11-17-98	deCarmo
5,844,575	12-01-98	Reid
5,847,980	12-08-98	Okamoto et al.
5,854,597	12-29-98	Murashita et al.
5,857,035	01-05-99	Rust
5,867,600	02-02-99	Hongu
5,903,723	05-11-99	Beck et al.
5,907,703	05-25-99	Kronenberg et al.
5,912,636	06-15-99	Gormish et al.
5,918,002	06-29-99	Klemets et al.
5,926,208	10-05-99	Hasebe
5,937,188	08-10-99	Freeman
5,956,733	09-21-99	Nakano et al.
5,960,117	09-28-99	Hiratani
5,961,635	10-05-99	Guttag et al.
5,970,097	10-19-99	Ishiwaka et al.
5,974,539	10-26-99	Guttag et al.
5,986,594	11-16-99	Nakayama et al.

<u>U.S. Patent No.</u>	<u>Date</u>	<u>Name</u>
5,995,747	11-30-99	Guttag et al.
5,995,748	11-30-99	Guttag et al.
6,018,747	01-25-00	Burns et al.
6,028,541	02-22-00	Levine
6,032,200	02-29-00	Lin
6,041,147	03-21-00	Mead
6,043,763	03-28-00	Levine
6,049,630	04-11-00	Wang et al.
6,049,671	04-11-00	Slivka et al.
6,061,732	05-09-00	Korst et al.
6,078,921	06-20-00	Kelley
6,083,279	07-04-00	Cuomo et al.
6,091,777	07-18-00	Guetz et al.
6,094,453	07-25-00	Gosselin et al.
6,098,163	08-01-00	Guttag et al.
6,112,211	08-29-00	Bradshaw et al.
6,116,768	09-12-00	Guttag et al.
6,118,392	09-12-00	Levine
6,121,904	09-19-00	Levine
6,125,348	09-26-00	Levine
6,144,320	11-07-00	Van Der Vleuten
6,145,069	11-07-00	Dye
6,154,771	11-28-00	Rangan et al.
6,157,706	12-05-00	Rachelson
6,166,664	12-26-00	Acharya
6,173,317	01-09-01	Chaddha et al.
6,173,394	01-09-01	Guttag et al.
6,188,334	02-13-01	Bengio et al.
6,195,026	02-27-01	Acharya
6,198,412	03-06-01	Goyal

<u>U.S. Patent No.</u>	<u>Date</u>	<u>Name</u>
6,217,234	04-17-01	Dewar et al.
6,225,925	05-01-01	Bengio et al.
6,229,463	05-08-01	Van Der Vleuten et al.
6,233,017	05-15-01	Chaddha
6,236,341	05-22-01	Dorward et al.
6,275,848	08-14-02	Arnold
6,289,509	09-11-01	Kryloff
6,345,288	02-05-02	Reed et al.
6,356,937	03-12-02	Montville et al.
6,381,742	04-30-02	Forbes et al.
6,415,435	07-02-02	McIntyre
6,466,999	10-15-02	Sliger et al.
6,477,703	11-05-02	Smith et al.
6,487,278	11-26-02	Skladman et al.
6,498,835	12-24-02	Skladman et al.
6,526,574	02-25-03	Jones
6,546,417	04-08-03	Baker
6,594,822	07-15-03	Schweitz et al.

FOREIGN PATENT NO.

WO 99/49391                    09-30-99                    Symantec Corp.

OTHER PUBLICATIONS

1. RANDAL C BURNS: "Differential Compression: A Generalized Solution for Binary Files", THESIS, December 1996, XP002211282.
2. REICHENBERGER C: "Delta Storage for Arbitrary Non-Text Files", 1991, New York, NY, US, pp. 144-152, XP008030925, ISBN: 0-89791-429-5.
3. "WINZIP" ANNOUNCEMENT NICO MAK COMPUTING, XX, XX, 1995, pp. 1-106, XP002908148.

OTHER PUBLICATIONS (cont.)

4. CAMPBELL D: "Extending the Windows Explorer with Name Space Extensions", Microsoft Systems Journal, Microsoft Corp., Redmond, WA, US, vol. 5, no. 6, July 1996, pp. 89-96, XP000874429, ISSN: 0889-9932.
5. CEVENINI G ET AL: "A Multiprovider, Universal, E-Mail Service for the Secure Exchange of Legally-Binding Multimedia Documents", Conference Proceedings Article, 2000, pp. 47-50, XP 010515038.
6. WINZIP COMPUTING, Inc.: "AES Encryption Information", Internet Article, Online!, May 15, 2003, XP002296117, [http://web.archive.org/web/20030618094654/http://www.winzip.com/aes\\_info.htm](http://web.archive.org/web/20030618094654/http://www.winzip.com/aes_info.htm).
7. JOHN LEYDEN: "Zip File Encryption Compromise Thrashed Out", Internet Article, Online!, January 21, 2004, XP002296118, [http://www.theregister.co.uk/2004/01/21/zip\\_file\\_encryption\\_compromise\\_thrashed/](http://www.theregister.co.uk/2004/01/21/zip_file_encryption_compromise_thrashed/).
8. PRESS RELEASE PKWARE, Inc.: "PKWARE Releases New ZIP Format Specification", Internet Article, Online!, December 2001, XP002296119, URL:<http://www.pkware.com/news/releases/2001/120501.php>.
9. ZIV J ET AL: "A Universal Algorithm for Sequential Data Compression", IEEE Transactions on Information Theory, IEEE Inc. New York, US, vol. 23, no. 3, 1977, pp. 337-343, XP002911734, ISSN: 0018-9448.
10. ZIV J ET AL: "Compression of Individual Sequences Via Variable-Rate Coding", IEEE Transactions on Information Theory, IEEE Inc. New York, US, vol. IT-24, no. 5, September 1978, pp. 530-536, XP000565213.
11. BRAY N: "How Digital Certificates Work", Computers & Security, Elsevier Science Publishers, Amsterdam, NL, vol. 16, no. 1, 1997, p. 62, XP004063818, ISSN: 0167-4048.
12. MARK NELSON, DR. DOBBS JOURNAL: "LZW Data Compression," Internet Article, Online!, October 1989, XP002296120, <http://www.dogma.net/markn/articles/lzw/lzw.htm>.
13. PKWARE: "Appnote.txt - .zip file format specification", Internet Article, Online!, January 11, 2001, XP002296121, <http://www.the7soft.com/file-formats/file-formats-Archivers/zip45.zip>.
14. Web Site Information: <http://home.worldnet.fr/mounier/HomePage.html>, WELCOME TO ARJFOLDER OFFICIAL SITE, pp. 1-2.

OTHER PUBLICATIONS (cont.)

15. Web Site Information: <http://www.cleverness.com/cleverzip/browse/explorer.html>, CleverZip – Explorer View, p. 1.
16. Web Site Information: <http://www.creative.net/-acco/>, AECO SYSTEMS PRESENTS ... ZIP EXPLORER PRO v2.54, p. 1.
17. Web Site Information: <http://www.knoware.com/in32docs/index.html>, Internet Neighborhood FTP Client – The Premier FTP Namespace Extension for Windows, pp. 1-2.
18. Web Site Information: <http://www.knoware.com/in32docs/screenshots.html>, Internet Neighborhood – the premier FTP Namespace Extension, KnoWare, Inc., AWARD-WINNING INTERNET UTILITIES, pp. 1-3.
19. Web Site Information: <http://www.netexplore.de/english/features.htm>, Features, FTP in a New Generation, pp. 1-2.
20. Web Site Information: <http://www.mijeniz.com/zipmagic2000.asp>, ZipMagic 2000 – Take the Hassle out of Zip files!, MIJENIX CORPORATION, pp. 1-2.
21. Web Site Information: [http://www.netzip.com/products/Info\\_Netzip\\_Win.html](http://www.netzip.com/products/Info_Netzip_Win.html), Netzip – Award Winning Zip File, Download, and File Viewing Utilities, NETZIP 5 TOP INTERNET PROGRAMS, pp. 1-3.
22. Web Site Information: <http://www.mijeniz.com/zm2000primer.asp>, ZipMagic 2000 Compression Primer, MIJENIX CORPORATION, pp. 1-2.
23. Web Site Information: <http://www.pocketsoft.com/products.html>, RTPatch Professional Products, pp. 1-4
24. Web Site Information: <http://www.pocketsoft.com/products.html>, Pocket Soft, Inc. – Products Page, pp. 1-2
25. Web Site Information: <http://www.pocketsoft.com/windows/overview.html>, Pocket Soft, Inc. – RTPatch for Windows, pp. 1-2
26. Web Site Information: <http://www.pocketsoft.com/unix/overview.html>, Pocket Soft, Inc. – RTPatch for UNIX, pp. 1-2
27. Web Site Information: <http://www.pocketsoft.com/wince/overview.html>, Pocket Soft, Inc. – RTPatch for CE, pp. 1-2
28. Web Site Information: <http://www.pocketsoft.com/vxworks/overview.html>, Pocket Soft, Inc. – RTPatch for VxWorks, pp. 1-2

OTHER PUBLICATIONS (cont.)

29. Web Site Information: <http://www.pocketsoft.com/oem/overview.html>, Pocket Soft, Inc.  
– RTPatch OEM, pp. 1-3
30. CuteZIP InfoGuide, p. 1
31. Web Site Information: <http://www.cuteftp.com/cutezip/>, GlobalSCAPE – CuteZIP – Compression Software, p. 1
32. Web Site Information: [http://cuteftp.com/cutezip/tour\\_1.asp](http://cuteftp.com/cutezip/tour_1.asp), GlobalSCAPE – CuteZIP, Product Feature Tour: CuteZIP, pp. 1-7.
33. Web Site Information: <http://cuteftp.com/cutezip/features.asp>, GlobalSCAPE – CuteZIP, CuteZIP 2.1 Features, pp. 1-2.
34. Web Site Information: [http://reviews.cnet.com/4505-3514\\_7-20471822-2.html?legacy=cent&tag=dir](http://reviews.cnet.com/4505-3514_7-20471822-2.html?legacy=cent&tag=dir), Globalscape CuteZip 2.1 – Full review – Browsers – CNET Reviews, pp. 1-3.
35. Web Site Information: <http://www.dpdirectory.com/prescuri.htm>, ShareWare Press Release, pp. 1-4.
36. Web Site Information: <http://www.plexobject.com/software/plexcrypt>, PlexObject Solutions, Inc., pp. 1-2.
37. Web Site Information: <http://corsoft.com/aileron.asp>, Palm Email with attachments, Corsoft, pp. 1-2.
38. Web Site Information: <http://www.noisette-software.com/products/pocketpc/CrunchIt/>, CrunchIt for Microsoft Pocket PC, pp. 1-3.
39. Web Site Information: <http://www.resco.net/pocketpc/explorer/default.asp>, Resco Explorer 2005 for Pocket PC, pp. 1-2.
40. Web Site Information: <http://www1.sprintpcs.com/media/Assets/Equipment/Handsets/pdf/samsungpi600.pdf>, Sprint PCS Vision<sup>SM</sup> Smart Device SP-i600 by Samsung® User's Guide, pp. 1-182.
41. Web Site Information: [http://www.cc.gatech.edu/~kingd/comp\\_links.html](http://www.cc.gatech.edu/~kingd/comp_links.html), Data Compression and Information Theory Links, pp. 1-2
42. Web Site Information: <http://dogma.net/DataCompression/ArithmeticCoding.shtml>, The Data Compression Library - Arithmetic Coding, pp. 1-4.

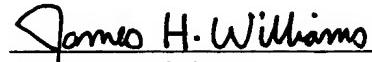
OTHER PUBLICATIONS (cont.)

43. Web Site Information: <http://www.cs.duke.edu/~jsv/Papers/catalog/node63.html#HoV:ACsurvey>, External Memory Algorithms, I/O Efficiency, pp. 1-2
44. Web Site Information: <http://203.162.7.85/unescocourse/computervision/101.htm#10.ImageCompression>, 10.1 Introduction to image compression, pp. 1-2
45. Web Site Information: [http://www.hn.is.uec.ac.jp/~arimura/compression\\_links.html](http://www.hn.is.uec.ac.jp/~arimura/compression_links.html), Mitsuharu ARIMURA's Bookmarks on Source Coding/Data Compression, pp. 1-12.

The above-identified reference(s) are listed on the attached Form PTO/SB/08a and copies are also enclosed herewith. This submission is in no way intended as an admission that the above-cited references constitute prior art. Applicant expressly retains the right to take any actions necessary to remove the above-cited references from the available prior art. Consideration of the above-identified references in the examination of the present patent application is respectfully requested.

The Commissioner is hereby authorized to charge any additional fees which may be required or credit any overpayment to Account No. 13-0017.

Respectfully submitted,

  
\_\_\_\_\_  
James H. Williams  
Registration No. 56,883  
Attorney for Applicant

April 18, 2006

Date

MCANDREWS, HELD & MALLOY, LTD.  
500 West Madison Street, 34th Floor  
Chicago, Illinois 60661

Telephone: (312) 775-8000  
Facsimile: (312) 775-8100



PTO/SB/08a (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

Approved for use through 07/07/2006. GMD 8601-000  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

~~Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.~~

Substitute for form 1449A/PTO

## **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

**(Use as many sheets as necessary)**

Substitute for form 1449A/PTO		<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>		<i>Application Number</i>	10/620,960
		<i>Filing Date</i>	July 16, 2003
		<i>First Named Inventor</i>	James C. Peterson
		<i>Art Unit</i>	
		<i>Examiner Name</i>	
<i>(Use as many sheets as necessary)</i>		<i>Attorney Docket Number</i>	009785-0139 (15895US01)
Sheet	1	of	13

## **U.S. PATENT DOCUMENTS**

Examiner Initials *	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)			
	A-1	US- 4,041,284	08-09-77	Bond	
	A-2	US- 4,156,922	05-22-79	Majerski et al.	
	A-3	US- 4,179,746	12-18-79	Tubbs	
	A-4	US- 4,377,846	03-22-83	Yoshida	
	A-5	US- 4,521,866	06-04-85	Petit et al.	
	A-6	US- 4,542,453	09-17-85	Patrick et al.	
	A-7	US- 4,792,954	12-20-88	Arps et al.	
	A-8	US- 4,862,167	08-29-89	Copeland III	
	A-9	US- 4,891,643	01-02-90	Mitchell et al.	
	A-10	US- 4,905,297	02-27-90	Langdon, Jr., et al.	
	A-11	US- 4,933,883	06-12-90	Pennebaker et al.	
	A-12	US- 4,935,882	06-19-90	Pennebaker et al.	
	A-13	US- 4,939,639	07-03-90	Lee et al.	
	A-14	US- 4,989,000	01-29-91	Chevion et al.	
	A-15	US- 5,003,307	03-26-91	Whiting et al.	
	A-16	US- 5,016,009	05-14-91	Whiting et al.	
	A-17	US- 5,025,258	06-18-91	Dutweiler	
	A-18	US- 5,051,745	09-24-91	Katz	
	A-19	US- 5,091,955	02-25-92	Iseda et al.	
	A-20	US- 5,099,440	03-24-92	Pennebaker et al.	

## **FOREIGN PATENT DOCUMENTS**

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

<sup>4</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>5</sup>Applicant's unique citation designation number (optional). <sup>6</sup>See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>7</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>8</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>9</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>10</sup>Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

<p style="text-align: center;"><b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b></p> <p style="text-align: center;"><i>(Use as many sheets as necessary)</i></p>		<b>Complete if Known</b>	
		<i>Application Number</i>	10/620,960
		<i>Filing Date</i>	July 16, 2003
		<i>First Named Inventor</i>	James C. Peterson
		<i>Art Unit</i>	
<i>Examiner Name</i>			
<b>Sheet</b>	<b>2</b>	<b>of</b>	<b>13</b>
		<i>Attorney Docket Number</i>	
		009785-0139 (15895US01)	

## **U.S. PATENT DOCUMENTS**

Examiner Initials *	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)			
	A-21	US- 5,126,739	06-30-92	Whiting et al.	
	A-22	US- 5,142,283	08-25-92	Chevion et al.	
	A-23	US- 5,146,221	09-08-92	Whiting et al.	
	A-24	US- 5,150,209	09-22-92	Baker et al.	
	A-25	US- 5,155,847	10-13-92	Kirouac et al.	
	A-26	US- 5,159,336	10-27-92	Rabin et al.	
	A-27	US- 5,179,555	01-12-93	Videlock et al.	
	A-28	US- 5,218,700	06-08-93	Beechick	
	A-29	US- 5,270,712	12-14-93	Iyer et al.	
	A-30	US- 5,272,478	12-21-93	Allen	
	A-31	US- 5,298,896	03-29-94	Lei et al.	
	A-32	US- 5,363,099	11-08-94	Allen	
	A-33	US- 5,404,315	04-04-95	Nakano et al.	
	A-34	US- 5,414,425	05-09-95	Whiting et al.	
	A-35	US- 5,440,504	08-08-95	Ishikawa et al.	
	A-36	US- 5,463,390	10-31-95	Whiting et al.	
	A-37	US- 5,463,772	10-31-95	Thompson et al.	
	A-38	US- 5,465,224	11-07-95	Guttag et al.	
	A-39	US- 5,475,388	12-12-95	Gormish et al.	
	A-40	US- 5,481,713	01-02-96	Wetmore et al.	

## FOREIGN PATENT DOCUMENTS

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

**\*EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO		<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>		<i>Application Number</i>	10/620,960
		<i>Filing Date</i>	July 16, 2003
		<i>First Named Inventor</i>	James C. Peterson
		<i>Art Unit</i>	
		<i>Examiner Name</i>	
Sheet	3	of	13
		<i>Attorney Docket Number</i>	009785-0139 (15895US01)

## **U.S. PATENT DOCUMENTS**

Examiner Initials *	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)			
	A-41	US- 5,485,411	01-16-96	Guttag et al.	
	A-42	US- 5,493,524	02-20-96	Guttag et al.	
	A-43	US- 5,506,580	04-09-96	Whiting et al.	
	A-44	US- 5,517,439	05-14-96	Suzuki et al.	
	A-45	US- 5,532,694	07-02-96	Mayers et al.	
	A-46	US- 5,535,300	07-09-96	Hall II et al.	
	A-47	US- 5,546,080	08-13-96	Langdon, Jr., et al	
	A-48	US- 5,581,697	12-03-96	Gramlich et al.	
	A-49	US- 5,587,710	12-24-96	Choo et al.	
	A-50	US- 5,590,350	12-31-96	Guttag et al.	
	A-51	US- 5,592,162	01-07-97	Printz et al.	
	A-52	US- 5,594,674	01-14-97	Printz et al.	
	A-53	US- 5,596,763	01-21-97	Guttag et al.	
	A-54	US- 5,600,847	02-04-97	Guttag et al.	
	A-55	US- 5,627,995	05-06-97	Miller et al.	
	A-56	US- 5,634,065	05-27-97	Guttag et al.	
	A-57	US- 5,640,578	06-17-97	Balmer et al.	
	A-58	US- 5,654,702	08-05-97	Ran	
	A-59	US- 5,671,389	09-23-97	Saliba	
	A-60	US- 5,682,152	10-28-97	Wang et al.	

## **FOREIGN PATENT DOCUMENTS**

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

**\*EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.<sup>1</sup> Applicant's unique citation designation number (optional).<sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04.<sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).<sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.<sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible.<sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

IUnder the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO		<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(Use as many sheets as necessary)</i>		<i>Application Number</i>	10/620,960
		<i>Filing Date</i>	July 16, 2003
		<i>First Named Inventor</i>	James C. Peterson
		<i>Art Unit</i>	
		<i>Examiner Name</i>	
Sheet	4	of	13
		<i>Attorney Docket Number</i>	009785-0139 (15895US01)

## **U.S. PATENT DOCUMENTS**

Examiner Initials *	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)			
	A-61	US- 5,689,452	11-18-97	Cameron	
	A-62	US- 5,694,128	12-02-97	Kim	
	A-63	US- 5,696,954	12-09-97	Guttag et al.	
	A-64	US- 5,699,275	12-16-97	Beasley et al.	
	A-65	US- 5,715,470	02-03-98	Asano et al.	
	A-66	US- 5,734,119	03-31-98	France et al.	
	A-67	US- 5,734,880	03-31-98	Guttag et al.	
	A-68	US- 5,737,345	04-07-98	Pelz et al.	
	A-69	US- 5,745,756	04-28-98	Henley	
	A-70	US- 5,771,355	06-23-98	Kuzma	
	A-71	US- 5,774,081	06-30-98	Cheng et al.	
	A-72	US- 5,778,374	07-07-98	Dang et al.	
	A-73	US- 5,781,901	07-14-98	Kuzma	
	A-74	US- 5,802,549	09-01-98	Goyal et al.	
	A-75	US- 5,805,913	09-08-98	Guttag et al.	
	A-76	US- 5,808,572	09-15-98	Yang et al.	
	A-77	US- 5,813,011	09-22-98	Yoshida et al.	
	A-78	US- 5,818,369	10-06-98	Withers	
	A-79	US- 5,828,848	10-27-98	MacCormack et al.	
	A-80	US- 5,832,273	11-03-98	Mizuse	

## **FOREIGN PATENT DOCUMENTS**

<b>Examiner Signature</b>		<b>Date Considered</b>	
-------------------------------	--	----------------------------	--

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO		<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>		<i>Application Number</i>	10/620,960
		<i>Filing Date</i>	July 16, 2003
		<i>First Named Inventor</i>	James C. Peterson
		<i>Art Unit</i>	
		<i>Examiner Name</i>	
<i>(Use as many sheets as necessary)</i>		<i>Attorney Docket Number</i>	009785-0139 (15895US01)
Sheet	5	of	13

## **U.S. PATENT DOCUMENTS**

Examiner Initials *	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)			
	A-81	US- 5,832,520	11-03-98	Miller	
	A-82	US- 5,838,996	11-17-98	deCarmo	
	A-83	US- 5,844,575	12-01-98	Reid	
	A-84	US- 5,847,980	12-08-98	Okamoto et al.	
	A-85	US- 5,854,597	12-29-98	Murashita et al.	
	A-86	US- 5,857,035	01-05-99	Rust	
	A-87	US- 5,867,600	02-02-99	Hongu	
	A-88	US- 5,903,723	05-11-99	Beck et al.	
	A-89	US- 5,907,703	05-25-99	Kronenberg et al.	
	A-90	US- 5,912,636	06-15-99	Gormish et al.	
	A-91	US- 5,918,002	06-29-99	Klemets et al.	
	A-92	US- 5,926,208	10-05-99	Hasebe	
	A-93	US- 5,937,188	08-10-99	Freeman	
	A-94	US- 5,956,733	09-21-99	Nakano et al.	
	A-95	US- 5,960,117	09-28-99	Hiratani	
	A-96	US- 5,961,635	10-05-99	Guttag et al.	
	A-97	US- 5,970,097	10-19-99	Ishiwaka et al.	
	A-98	US- 5,974,539	10-26-99	Guttag et al.	
	A-99	US- 5,986,594	11-16-99	Nakayama et al.	
	A-100	US- 5,995,747	11-30-99	Guttag et al.	

## **FOREIGN PATENT DOCUMENTS**

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

**\*EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

**U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE**

Substitute for form 1449A/PTO		<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>		<i>Application Number</i>	10/620,960
		<i>Filing Date</i>	July 16, 2003
		<i>First Named Inventor</i>	James C. Peterson
		<i>Art Unit</i>	
		<i>Examiner Name</i>	
Sheet	6	of	13
			<i>Attorney Docket Number</i>
			009785-0139 (15895US01)

## **U.S. PATENT DOCUMENTS**

Examiner Initials *	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)			
	A-101	US- 5,995,748	11-30-99	Guttag et al.	
	A-102	US- 6,018,747	01-25-00	Burns et al.	
	A-103	US- 6,028,541	02-22-00	Levine	
	A-104	US- 6,032,200	02-29-00	Lin	
	A-105	US- 6,041,147	03-21-00	Mead	
	A-106	US- 6,043,763	03-28-00	Levine	
	A-107	US- 6,049,630	04-11-00	Wang et al.	
	A-108	US- 6,049,671	04-11-00	Slikva et al.	
	A-109	US- 6,061,732	05-09-00	Korst et al.	
	A-110	US- 6,078,921	06-20-00	Kelley	
	A-111	US- 6,083,279	07-04-00	Cuomo et al.	
	A-112	US- 6,091,777	07-18-00	Guetz et al.	
	A-113	US- 6,094,453	07-25-00	Gosselin et al.	
	A-114	US- 6,098,163	08-01-00	Guttag et al.	
	A-115	US- 6,112,211	08-29-00	Bradshaw et al.	
	A-116	US- 6,116,768	09-12-00	Guttag et al.	
	A-117	US- 6,118,392	09-12-00	Levine	
	A-118	US- 6,121,904	09-19-00	Levine	
	A-119	US- 6,125,348	09-26-00	Levine	
	A-120	US- 6,144,320	11-07-00	Van Der Vleuten	

## **FOREIGN PATENT DOCUMENTS**

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

**\*EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO		<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>		<i>Application Number</i>	10/620,960
<i>(Use as many sheets as necessary)</i>		<i>Filing Date</i>	July 16, 2003
		<i>First Named Inventor</i>	James C. Peterson
		<i>Art Unit</i>	
		<i>Examiner Name</i>	
Sheet	7	of	13
		<i>Attorney Docket Number</i>	009785-0139 (15895US01)

## **U.S. PATENT DOCUMENTS**

Examiner Initials *	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)			
	A-121	US- 6,145,069	11-07-00	Dye	
	A-122	US- 6,154,771	11-28-00	Rangan et al.	
	A-123	US- 6,157,706	12-05-00	Rachelson	
	A-124	US- 6,166,664	12-26-00	Acharya	
	A-125	US- 6,173,317	01-09-01	Chaddha et al.	
	A-126	US- 6,173,394	01-09-01	Guttag et al.	
	A-127	US- 6,188,334	02-13-01	Bengio et al.	
	A-128	US- 6,195,026	02-27-01	Acharya	
	A-129	US- 6,198,412	03-06-01	Goyal	
	A-130	US- 6,217,234	04-17-01	Dewar et al.	
	A-131	US- 6,225,925	05-01-01	Bengio et al.	
	A-132	US- 6,229,463	05-08-01	Van Der Vleuten et al.	
	A-133	US- 6,233,017	05-15-01	Chaddha	
	A-134	US- 6,236,341	05-22-01	Dorward et al.	
	A-135	US- 6,275,848	08-14-02	Arnold	
	A-136	US- 6,289,509	09-11-01	Kryloff	
	A-137	US- 6,345,288	02-05-02	Reed et al.	
	A-138	US- 6,356,937	03-12-02	Montville et al.	
	A-139	US- 6,381,742	04-30-02	Forbes et al.	
	A-140	US- 6,415,435	07-02-02	McIntyre	

## **FOREIGN PATENT DOCUMENTS**

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

**\*EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO		<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>		<i>Application Number</i>	10/620,960
<i>(Use as many sheets as necessary)</i>		<i>Filing Date</i>	July 16, 2003
		<i>First Named Inventor</i>	James C. Peterson
		<i>Art Unit</i>	
		<i>Examiner Name</i>	
Sheet	8	of	13
<i>Attorney Docket Number</i>			009785-0139 (15895US01)

## U.S. PATENT DOCUMENTS

## FOREIGN PATENT DOCUMENTS

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

<sup>4</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.<sup>5</sup> Applicant's unique citation designation number (optional).<sup>6</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04.<sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).<sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.<sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible.<sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Substitute for form 1449B/PTO				<b>Complete if Known</b>	
				<i>Application Number</i>	10/620,960
				<i>Filing Date</i>	July 16, 2003
				<i>First Named Inventor</i>	James C. Peterson
				<i>Art Unit</i>	
				<i>Examiner Name</i>	
Sheet	9	of	13	Attorney Docket Number	009785-0139 (15895US01)

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		T <sup>2</sup>
	C-1	RANDAL C BURNS: "Differential Compression: A Generalized Solution for Binary Files", THESIS, December 1996, XP002211282.		
	C-2	REICHENBERGER C: "Delta Storage for Arbitrary Non-Text Files", 1991, New York, NY, US, pp. 144-152, XP008030925, ISBN: 0-89791-429-5.		
	C-3	"WINZIP" ANNOUNCEMENT NICO MAK COMPUTING, XX, XX, 1995, pp. 1-106, XP002908148.		
	C-4	CAMPBELL D: "Extending the Windows Explorer with Name Space Extensions", Microsoft Systems Journal, Microsoft Corp., Redmond, WA, US, vol. 5, no. 6, July 1996, pp. 89-96, XP000874429, ISSN: 0889-9932.		
	C-5	CEVENINI G ET AL: "A Multiprovider, Universal, E-Mail Service for the Secure Exchange of Legally-Binding Multimedia Documents", Conference Proceedings Article, 2000, pp. 47-50, XP 010515038.		
	C-6	WINZIP COMPUTING, Inc.: "AES Encryption Information", Internet Article, Onlinel, May 15, 2003, XP002296117: <a href="http://web.archive.org/web/20030618094654/http://www.winzip.com/aes_info.htm">http://web.archive.org/web/20030618094654/http://www.winzip.com/aes_info.htm</a> .		
	C-7	JOHN LEYDEN: "Zip File Encryption Compromise Thrashed Out", Internet Article, Onlinel, January 21, 2004, XP002296118, <a href="http://www.theregister.co.uk/2004/01/21/zip_file_encryption_compromise_thrashed/">http://www.theregister.co.uk/2004/01/21/zip_file_encryption_compromise_thrashed/</a> .		
	C-8	PRESS RELEASE PKWARE, Inc.: "PKWARE Releases New ZIP Format Specification", Internet Article, Onlinel, December 2001, XP002296119, URL: <a href="http://www.pkware.com/news/releases/2001/120501.php">http://www.pkware.com/news/releases/2001/120501.php</a> .		
	C-9	ZIV J ET AL: "A Universal Algorithm for Sequential Data Compression", IEEE Transactions on Information Theory, IEEE Inc. New York, US, vol. 23, no. 3, 1977, pp. 337-343, XP002911734, ISSN: 0018-9448.		
	C-10	ZIV J ET AL: "Compression of Individual Sequences Via Variable-Rate Coding", IEEE Transactions on Information Theory, IEEE Inc. New York, US, vol. IT-24, no. 5, September 1978, pp. 530-536, XP000565213.		
	C-11	BRAY N: "How Digital Certificates Work", Computers & Security, Elsevier Science Publishers, Amsterdam, NL, vol. 16, no. 1, 1997, p. 62, XP004063818, ISSN: 0167-4048.		

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449B/PTO				<b>Complete if Known</b>	
				<i>Application Number</i>	10/620,960
				<i>Filing Date</i>	July 16, 2003
				<i>First Named Inventor</i>	James C. Peterson
				<i>Art Unit</i>	
				<i>Examiner Name</i>	
Sheet	10	of	13	<i>Attorney Docket Number</i>	009785-0139 (15895US01)

NON PATENT LITERATURE DOCUMENTS		
Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
	C-12	MARK NELSON, DR. DOBBS JOURNAL: "LZW Data Compression", Internet Article, Online!, October 1989, XP002296120, <a href="http://www.dogma.net/markn/articles/zwlzw.htm">http://www.dogma.net/markn/articles/zwlzw.htm</a> .
	C-13	PKWARE: "Appnote.txt - .zip file format specification", Internet Article, Online!, January 11, 2001, XP00229612, <a href="http://www.the7soft.com/file-formats/file-formats-Archivers/zip45.zip">http://www.the7soft.com/file-formats/file-formats-Archivers/zip45.zip</a> .
	C-14	Web Site Information: <a href="http://home.worldnet.fr/mounierr/HomePage.html">http://home.worldnet.fr/mounierr/HomePage.html</a> , WELCOME TO ARJFOLDER OFFICIAL SITE, pp. 1-2.
	C-15	Web Site Information: <a href="http://www.cleverness.com/cleverzip/browse/explorer.html">http://www.cleverness.com/cleverzip/browse/explorer.html</a> , CleverZip -- Explorer View, p. 1.
	C-16	Web Site Information: <a href="http://www.creative.net/~acco/">http://www.creative.net/~acco/</a> , AECO SYSTEMS PRESENTS ... ZIP EXPLORER PRO v2.54, p. 1.
	C-17	Web Site Information: <a href="http://www.knoware.com/in32docs/index.html">http://www.knoware.com/in32docs/index.html</a> , Internet Neighborhood FTP Client -- The Premier FTP Namespace Extension for Windows, pp. 1-2.
	C-18	Web Site Information: <a href="http://www.knoware.com/in32docs/screenshots.html">http://www.knoware.com/in32docs/screenshots.html</a> , Internet Neighborhood -- the premier FTP Namespace Extension, KnoWare, Inc., AWARD-WINNING INTERNET UTILITIES, pp. 1-3.
	C-19	Web Site Information: <a href="http://www.netexplore.de/english/features.htm">http://www.netexplore.de/english/features.htm</a> , Features, FTP in a New Generation, pp. 1-2.
	C-20	Web Site Information: <a href="http://www.mijeniz.com/zipmagic2000.asp">http://www.mijeniz.com/zipmagic2000.asp</a> , ZipMagic 2000 -- Take the Hassle out of Zip files!, MIJENIX CORPORATION, pp. 1-2.
	C-21	Web Site Information: <a href="http://www.netzip.com/products/Info_Netzip_Win.html">http://www.netzip.com/products/Info_Netzip_Win.html</a> , Netzip Award Winning Zip File, Download, and File Viewing Utilities, NETZIP 5 TOP INTERNET PROGRAMS, pp. 1-3.
	C-22	Web Site Information: <a href="http://www.mijeniz.com/zm2000primer.asp">http://www.mijeniz.com/zm2000primer.asp</a> , ZipMagic 2000 Compression Primer, MIJENIX CORPORATION, pp. 1-2.

Examiner Signature	Date Considered
--------------------	-----------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449B/PTO				<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>				<i>Application Number</i>	10/620,960
				<i>Filing Date</i>	July 16, 2003
				<i>First Named Inventor</i>	James C. Peterson
				<i>Art Unit</i>	
				<i>Examiner Name</i>	
Sheet	11	of	13	Attorney Docket Number	009785-0139 (15895US01)

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		T <sup>2</sup>
	C-23	Web Site Information: <a href="http://www.pocketsoft.com/products.html">http://www.pocketsoft.com/products.html</a> , RTPatch Professional Products, pp. 1-4.		
	C-24	Web Site Information: <a href="http://www.pocketsoft.com/products.html">http://www.pocketsoft.com/products.html</a> , Pocket Soft, Inc. -- Products Page, pp. 1-2.		
	C-25	Web Site Information: <a href="http://www.pocketsoft.com/windows/overview.html">http://www.pocketsoft.com/windows/overview.html</a> , Pocket Soft, Inc. -- RTPatch for Windows, pp. 1-2.		
	C-26	Web Site Information: <a href="http://www.pocketsoft.com/unix/overview.html">http://www.pocketsoft.com/unix/overview.html</a> , Pocket Soft, Inc. -- RTPatch for UNIX, pp. 1-2.		
	C-27	Web Site Information: <a href="http://www.pocketsoft.com/wince/overview.html">http://www.pocketsoft.com/wince/overview.html</a> , Pocket Soft, Inc. -- RTPatch for CE, pp. 1-2.		
	C-28	Web Site Information: <a href="http://www.pocketsoft.com/vxworks/overview.html">http://www.pocketsoft.com/vxworks/overview.html</a> , Pocket Soft, Inc. -- RTPatch for VxWorks, pp. 1-2.		
	C-29	Web Site Information: <a href="http://www.pocketsoft.com/oem/overview.html">http://www.pocketsoft.com/oem/overview.html</a> , Pocket Soft, Inc. -- RTPatch OEM, pp. 1-3.		
	C-30	CuteZIP InfoGuide, p. 1.		
	C-31	Web Site Information: <a href="http://www.cuteftp.com/cutezip/">http://www.cuteftp.com/cutezip/</a> , GlobalSCAPE -- CuteZIP -- Compression Software, p. 1.		
	C-32	Web Site Information: <a href="http://cuteftp.com/cutezip/tour_1.asp">http://cuteftp.com/cutezip/tour_1.asp</a> , GlobalSCAPE -- CuteZip, Product Feature Tour: CuteZIP, pp. 1-7.		
	C-33	Web Site Information: <a href="http://cuteftp.com/cutezip/features.asp">http://cuteftp.com/cutezip/features.asp</a> , GlobalSCAPE -- CuteZIP, CuteZIP 2.1 Features, pp. 1-2.		

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Substitute for form 1449B/PTO				<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>				<i>Application Number</i>	10/620,960
(Use as many sheets as necessary)				<i>Filing Date</i>	July 16, 2003
				<i>First Named Inventor</i>	James C. Peterson
				<i>Art Unit</i>	
				<i>Examiner Name</i>	
Sheet	12	of	13	Attorney Docket Number	009785-0139 (15895US01)

<b>NON PATENT LITERATURE DOCUMENTS</b>				
Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		T <sup>2</sup>
	C-34	Web Site Information: <a href="http://reviews.cnet.com/4505-3514_7-20471822-2.html?legacy=cent&amp;tag=dir">http://reviews.cnet.com/4505-3514_7-20471822-2.html?legacy=cent&amp;tag=dir</a> , Globalscape CuteZip 2.1 – Full review – Browsers – CNET Reviews, pp. 1-3.		
	C-35	Web Site Information: <a href="http://www.dpdirectory.com/prescri.htm">http://www.dpdirectory.com/prescri.htm</a> , ShareWare Press Release, pp. 1-4.		
	C-36	Web Site Information: <a href="http://www.plexobject.com/software/plexcrypt">http://www.plexobject.com/software/plexcrypt</a> , PlexObject Solutions, Inc., pp. 1-2.		
	C-37	Web Site Information: <a href="http://corsoft.com/aileron.asp">http://corsoft.com/aileron.asp</a> , Palm Email with attachments, Corsoft, pp. 1-2.		
	C-38	Web Site Information: <a href="http://www.noisette-software.com/products/pocketpc/CrunchIt/">http://www.noisette-software.com/products/pocketpc/CrunchIt/</a> , CrunchIt for Microsoft Pocket PC, pp. 1-3.		
	C-39	Web Site Information: <a href="http://www.resco.net/pocketpc/explorer/default.asp">http://www.resco.net/pocketpc/explorer/default.asp</a> , Resco Explorer 2005 for Pocket PC, pp. 1-2.		
	C-40	Web Site Information: <a href="http://www1.sprintpcs.com/media/Assets/Equipment/Handsets/pdf/samsungpi600.pdf">http://www1.sprintpcs.com/media/Assets/Equipment/Handsets/pdf/samsungpi600.pdf</a> , Sprint PCS VisionSM Smart Device SP-i600 by Samsung® User's Guide, pp. 1-182.		
	C-41	Web Site Information: <a href="http://www.cc.gatech.edu/~kingd/comp_links.html">http://www.cc.gatech.edu/~kingd/comp_links.html</a> , Data Compression and Information Theory Links, pp. 1-2		
	C-42	Web Site Information: <a href="http://dogma.net/DataCompression/ArithmeticCoding.shtml">http://dogma.net/DataCompression/ArithmeticCoding.shtml</a> , The Data Compression Library - Arithmetic Coding, pp. 1-4.		
	C-43	Web Site Information: <a href="http://www.cs.duke.edu/~jsv/Papers/catalog/node63.html#HoV:ACsurvey">http://www.cs.duke.edu/~jsv/Papers/catalog/node63.html#HoV:ACsurvey</a> , External Memory Algorithms, I/O Efficiency, pp. 1-2.		
	C-44	Web Site Information: <a href="http://203.162.7.85/unescocourse/computervision/101.htm#10.ImageCompression">http://203.162.7.85/unescocourse/computervision/101.htm#10.ImageCompression</a> , 10.1 Introduction to image compression, pp. 1-2		

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449B/PTO		<b>Complete if Known</b>		
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>		<i>Application Number</i>	10/620,960	
		<i>Filing Date</i>	July 16, 2003	
		<i>First Named Inventor</i>	James C. Peterson	
		<i>Art Unit</i>		
		<i>Examiner Name</i>		
(Use as many sheets as necessary)				
Sheet	13	of	13	
			<i>Attorney Docket Number</i>	009785-0139 (15895US01)

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

**1** Applicant's unique citation designation number (optional). **2** Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS.

**SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**